

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
132407-2

SERIAL NO.
10/749,420

Dennis Michael Gray et al.

FILING GROUP
12/31/2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,439,237	3/27/1984	Kuminitsu et al.			
	5,206,083	4/27/1993	Raj et al.			
	5,230,755	7/27/1993	Pierantoni et al.			
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	5,932,293	8/3/1999	Belashchenko et al.			
	6,004,372	12/21/1999	Quets			
	US 6,245,390 B1	6/12/2001	Baranovski et al.			
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	US 6,513,728 B1	2/4/2003	Hughes et al.			
	US 6,562,480 B1	5/13/2003	Stong et al.			
A	US 2002/0064667 A1	5/30/2002	Scheckenbach et al.			

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						YES	NO
	GB 2 024 260 A	9 Jan 1980	Great Britain				✓
	WO 01/92601 A1	06.12.2001	PCT				✓
	EP 0 224 827 B1	10.06.1987	European				✓
	EP 1 217 095 A1	26.02.2002	European				✓
	EP 1 111 089 A1	27.06.2001	European				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		JP 08-253877; Date of Publication of Application: 01.10.1996; Patent Abstracts of Japan (2 pgs)
		WO0192601; 2001-12-06; Abstract Only (1 pg)

EXAMINER

DATE CONSIDERED

1/06

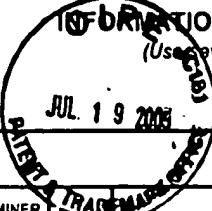
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 132407-2	Application Number 10/749,420
		Applicant(s) Dennis Michael Gray et al.	
*EXAMINER INITIAL <i>[Signature]</i>	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	Sikder et al., "Surface Engineering of Metal-Diamond Composite Coatings on Steel Substrates Using Chemical Vapour Deposition and Electroplating Routes" Surface and Coatings Technology 114 (1999) 230-234		
	Sikder et al., "Chemical Vapour Deposition of Diamond on Stainless Steel: The Effect of Ni-Diamond Composite Coated Buffer Layer" Diamond and Related Materials 7 (1998) 1010-1013		
	G. Meaden et al., "Laser Cutting of Diamond Fibres and Diamond Fibre/Titanium Metal Matrix Composites" Diamond and Related Materials 5 (1996) 825-828		
	Dai et al., "Effects of Rare Earth and Sintering Temperature on the Transverse Rupture Strength of Fe-Based Diamond Composites" Journal of Materials Processing Technology 129 (2002) 427-430		
	Reddy et al., "A Study on the Wear Resistance of Electroless Ni-P/Diamond Composite Coatings" Wear 239 (2000) 111-116		
	Ian Meredith, "The Wear Resistant Design and Rebuild of the Rangipo Francis Turbines", 10th HPEE Conference, 19-24 May 2002 Snowy Hidro AUS (19 pgs)		
	Malcolm et al., "Ashes to ashes?" AUSTRALASIA Rangipo Rebuild, International Water Power & Dam Construction February 1997 (3 pgs)		
	Alec van Rossen, "Refurbishing and Modifying Rangipo Hydro Turbines-To Survive Volcanic Ash In The Waterway" URHP, Montreal, 1997 (10 pgs)		
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INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small> 			ATTY DOCKET NO. 132407-2		APPLICATION NO. 10/749,420	
			APPLICANT(S) Gray et al.			
			FILING DATE December 31, 2003		GROUP ART UNIT 1734	
			U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AS</i>	4,925,626	05-15-1990	Anand et al	419	18	04-13-1989
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
<i>AS</i>	DE 100 61 749 A1	06-20-2002	Germany	C23C	4/10	<input type="checkbox"/> ✓
	EP 0 687 746 A1	06-09-1995	EPO	C23C	2/00	<input type="checkbox"/> ✓
	JP 63057789 Abstract	03-12-1988	Japan	C23G	3/02	<input checked="" type="checkbox"/> ✓
	GB 2 276 886 A	10-12-1994	Great Britain	C23C	4/06	<input checked="" type="checkbox"/> ✓
<i>AS</i>	EP 1 167 564 A1	01-02-2002	EPO	C23C	4/00	<input type="checkbox"/> ✓
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<i>AS</i>		International Search Report for International Application PCT/US2004/034931 filed October 21, 2004				
<i>AS</i>		A. Karimi et al., HYDROABRASIVE WEAR BEHAVIOUR OF HIGH VELOCITY OXYFUEL THERMALLY SPRAYED WC-M COATINGS, Surface And Coating Technology, 62 (1993) 493-498				
EXAMINER			DATE CONSIDERED <i>7/6/06</i>			
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Gray et al.

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		A. Karimi et al., MICROSTRUCTURE AND HYDROABRASIVE WEAR BEHAVIOUR OF HIGH VELOCITY OXY-FUEL THERMALLY SPRAYED WC-Co(Cr) COATINGS, Surface and Coatings Technology, 57 (1993) 81-89
		S. Siegmann et al., THERMALLY SPRAYED WEAR RESISTANT COATINGS WITH NANOSTRUCTURED HARD PHASES, Journal of Thermal Spray Technology, Volume 13(1) March 2004 37-43

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